



Missouri October Production Forecast



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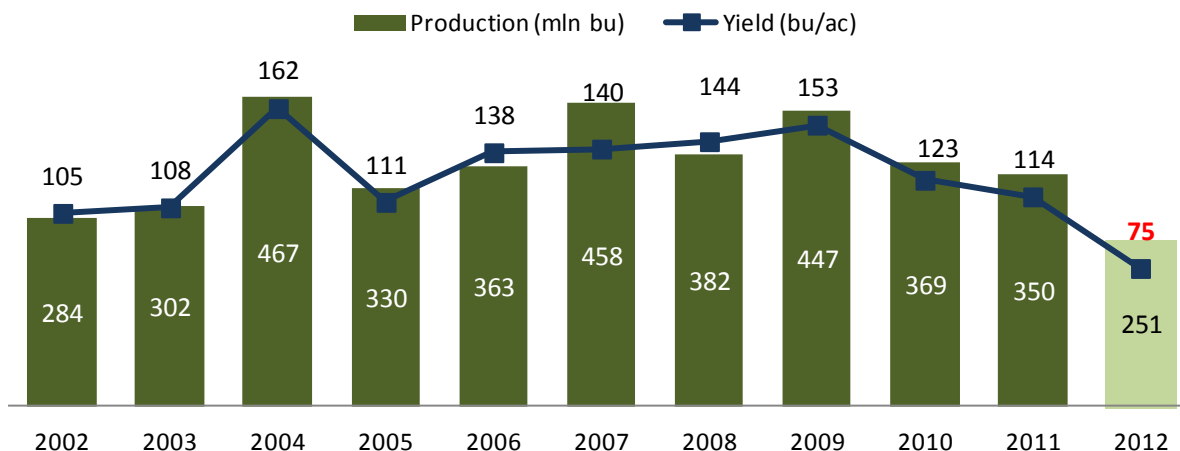
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Soybean Production Up, Corn Unchanged

COLUMBIA, MO - September rains and cooler temperatures helped the soybean crop improve statewide. The rains came too late for corn which was already over 80 percent mature by the start of September. At the beginning of October corn was nearly 90 percent harvested while less than 10 percent of soybeans across the state were harvested.

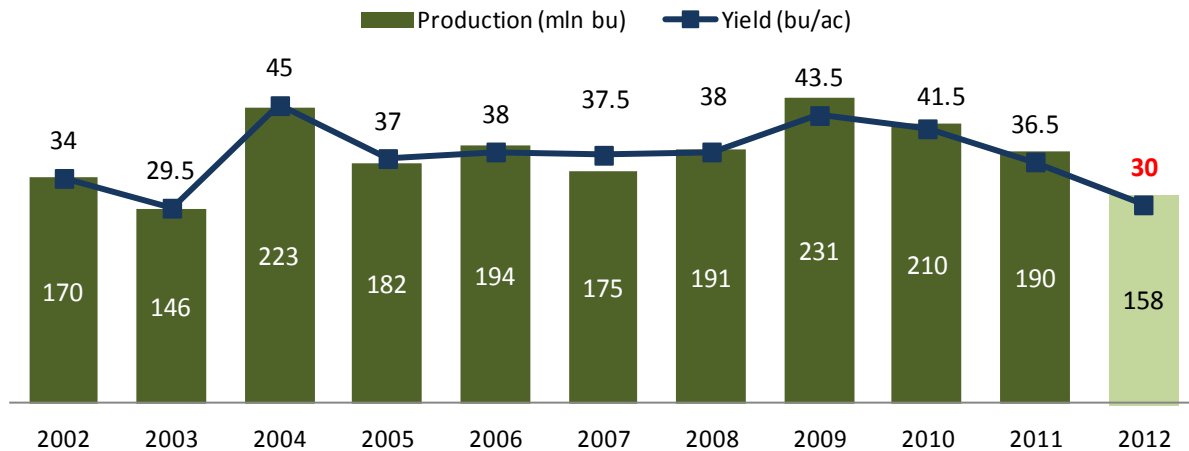
Missouri corn yield forecast remains at 75 bushels per acre, the lowest since 51 bushels per acre in 1983. Corn planted and harvested for grain acres are estimated at 3.6 and 3.35 million acres respectively, unchanged from the September 1 estimate. The resulting production forecast is 251 million bushels. If realized, this production would be the lowest since 1999 when 247 million bushels were harvested off of 2.65 million planted acres.

Missouri Corn Yield and Production



Soybean yield in **Missouri** is estimated at 30 bushels per acre, an increase of two bushels from last month and the lowest since 29.5 bushels per acre in 2003. Planted and harvested acres were both increased 100,000 acres from the September 1 forecast to 5.4 and 5.25 million acres respectively. The will be the most soybeans planted in Missouri since 1999 when there were also 5.4 million acres planted. Production is now forecast at 157.5 million bushels, an increase of 13.3 million bushels from last month but the smallest since 146.0 million bushels in 2003.

Missouri Soybean Yield and Production



Cotton planted acres in **Missouri** are estimated at 350,000 acres. Producers are expected to harvest 330,000 acres with a yield of 945 pounds per acre, 24 pounds per acre below last year. The resulting 650,000 480-pound bales would be 91,000 bales below last year.

Planted acres of **Missouri rice** are estimated at 180,000 acres. Harvested acres are forecast at 177,000 acres, 49,000 acres above last year. A yield of 6,700 pounds per acre is forecast, 210 pounds per acre above 2011. If realized, this would result in a production of 11.9 million hundredweight.

Planted acres of **sorghum** in **Missouri** are estimated at 65,000 acres, reduced 5,000 from last month but 25,000 above 2011. Likewise, sorghum acres to be harvested for grain are reduced by 5,000 this month, forecast at 55,000 acres. The yield is estimated at 55 bushels per acre, the lowest since 1980. This would result in a production of 3.0 million bushels, above last year's 2.4 million bushels produced.

Alfalfa hay production in Missouri is forecast at 1.90 tons per acre, down 0.1 ton from the August 1 forecast and the lowest since 1955. Harvested acres are forecast at 250,000 acres. This would result in a production of 475,000 tons, the least amount of alfalfa produced in Missouri since 1938. **Other hay** yield in Missouri is forecast at 1.20 tons per acre, down 0.2 ton from August. Harvested acres are expected to total 3.4 million acres giving a production of 4.08 million tons, the smallest production since 1988. The resulting total hay production for the state is estimated to be 4.6 million tons, the least since 1980.

U.S. Highlights: **Corn** production is forecast at 10.7 billion bushels, down slightly from the September forecast and down 13 percent from 2011. This represents the lowest production in the United States since 2006. Based on conditions as of October 1, yields are expected to average 122.0 bushels per acre, down 0.8 bushel from the September forecast and 25.2 bushels

below the 2011 average. If realized, this will be the lowest average yield since 1995. Area harvested for grain is forecast at 87.7 million acres, up less than 1 percent from the September forecast and up 4 percent from 2011. Acreage updates were made in several States based on administrative data.

Soybean production is forecast at 2.86 billion bushels, up 9 percent from September but down 8 percent from last year. Based on October 1 conditions, yields are expected to average 37.8 bushels per acre, up 2.5 bushels from last month but down 4.1 bushels from last year. Compared with last month, yield forecasts are higher or unchanged across all States. Area for harvest in the United States is forecast at 75.7 million acres, up 1 percent from September and up 3 percent from last year. Acreage updates were made in several States based on administrative data.

All **cotton** production is forecast at 17.3 million 480-pound bales, up 1 percent from last month and up 11 percent from last year. Yield is expected to average 795 pounds per acre, up 5 pounds from last year. Upland cotton production is forecast at 16.6 million 480-pound bales, up 13 percent from 2011. Pima cotton production, forecast at 657,000 bales, was carried forward from last month.

The Objective yield and farm operator surveys were conducted between September 24 and October 5 to gather information on expected yield as of October 1. The objective yield surveys for corn, cotton, and soybeans were conducted in the major producing States that usually account for about 75 percent of the United States production. Randomly selected plots were revisited to make current counts. The counts made within each sample plot depend on the crop and the maturity of that crop. In all cases, plant counts are recorded along with other measurements that provide information to forecast the number of ears, bolls, or pods and their weight. The counts are used with similar data from previous years to develop a projected biological yield. The average harvesting loss is subtracted to obtain a net yield. The plots are revisited each month until crop maturity when the fruit is harvested and weighed. After the farm operator has harvested the sample field, another plot is sampled to obtain current year harvesting loss.

The farm operator survey was conducted primarily by telephone with some use of mail, internet, and personal interviewers. Approximately 14,400 producers were interviewed during the survey period and asked questions about probable yield. These growers will continue to be surveyed throughout the growing season to provide indications of average yields.

Link to the US report: <http://usda01.library.cornell.edu/usda/current/CropProd/CropProd-10-11-2012.pdf>

Missouri Corn and Soybean Yield and Production by District

Corn								
AREA	ACRES PLANTED		ACRES HARVESTED		YIELD		PRODUCTION	
	(1000s)		(1000s)		(bu/acre)		(1000 bu)	
AREA	2011	2012*	2011	2012*	2011	2012*	2011	2012*
NW	815	829	756	778	132.2	92.0	99,955	71,770
NC	389	412	362	385	120.3	55.0	43,561	21,140
NE	595	646	561	593	104.0	49.0	58,322	28,980
WC	374	371	352	353	81.4	50.0	28,670	17,590
C	401	418	383	384	113.8	53.0	43,595	20,280
EC	225	262	215	238	101.1	57.0	21,736	13,500
SW	136	143	104	129	45.0	90.0	4,680	11,610
SC	21	24	17	20	90.7	103.0	1,542	2,060
SE	344	495	320	470	149.7	137.0	47,919	64,320
STATE	3,300	3,600	3,070	3,350	114.0	75.0	349,980	251,250

Soybeans								
AREA	ACRES PLANTED		ACRES HARVESTED		YIELD		PRODUCTION	
	(1000s)		(1000s)		(bu/acre)		(1000 bu)	
AREA	2011	2012*	2011	2012*	2011	2012*	2011	2012*
NW	976	1,035	917	980	42.6	32.0	39,096	31,300
NC	748	795	724	790	39.4	26.5	28,516	21,100
NE	814	820	802	815	30.2	25.5	24,231	20,600
WC	577	610	564	570	30.0	22.0	16,919	12,600
C	557	570	547	550	41.0	28.5	22,419	15,600
EC	336	350	329	345	31.6	30.5	10,408	10,600
SW	190	185	182	175	18.0	26.5	3,278	4,600
SC	54	45	52	45	32.9	35.5	1,709	1,600
SE	1,098	990	1,083	980	39.9	40.5	43,224	39,500
STATE	5,350	5,400	5,200	5,250	36.5	30.0	189,800	157,500

*October 1 Forecast